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This listing of claims will replace all prior versions and listing, of claims in the application:

**Listing of Claims:**

Claim 1 (Currently amended): A computer color matching method of paint, being a toning method of determining ~~the~~ a blending ratio of colorants and luster color materials conforming to a target color by computation, when color matching a metallic and pearlescent paint composed of plural colorants and luster color materials, ~~wherein said method comprising the steps of:~~

preliminary measuring the color of a paint, as liquid varied in ~~the~~ a volume formulation ratio of usable colorants, and luster color materials as a spectral reflectance ~~is preliminarily measured by a paint color measuring means[,];~~

storing the preliminary measured data ~~is stored in the~~ a memory of a computer[,];

adjusting a ~~the~~ color of each one of two or more paints ~~adjusted~~ in the blending ratio for realizing a target color which is measured by the paint color measuring means when color matching a metallic and pearlescent paint without preparing painted panels[,];

predicting and computing a calorimetric value of reproduced color ~~is predicted and computed by using the measured data and the preliminary measured data on the memory and by considering a change in the~~ a calorimetric value due to differences in the blending ratio of colorants and luster color materials[,]; and

determining an appropriate blending ratio of colorants and luster color materials is ~~determined~~ by computation.

Claim 2 (Currently Amended) The computer color matching method of paint of claim 1, wherein data of calorimetric values and blending ratio of paint composed of plural colorants and luster color materials in metallic and pearlescent paint is stored in the computer memory when predicting and computing the reproduced color by using [the] a spectral reflectance measured in the method claim 1, and [the] a difference from the calorimetric value predicted by the computing method in claim 1 is adjusted, and fuzzy inference is employed in [the] a means for enhancing the color matching precision.

Claim 3 (Currently Amended): The computer color matching method of paint of claim 1, wherein ~~the~~ a calorimetric means of paint supplies the paint continuously to ~~the~~ a measuring position, and an illumination light is emitted and reflected to the paint supplied in the position, and the reflected light is examined by spectral analysis.

Claim 4 (Currently Amended): The computer color matching method of paint of claim 1, wherein ~~the~~ a calorimetric means of paint supplies the paint continuously to ~~the~~ a measuring position, and an illumination light is emitted and reflected to the paint supplied in the position, and the reflected light is examined by spectral analysis.

Claim 5 (Currently Amended): A computer color matching method of paint, being a color matching method of determining ~~the~~ a blending ratio of colorants conforming to a target color by computation, when color matching a solid color paint composed of plural colorants, ~~wherein said method comprising the steps of:~~

preliminary measuring the color of a paint, as liquid varied in the blending ratio of usable colorants, as a spectral reflectance ~~is preliminarily measured~~ by a paint color measuring means[.];

storing the preliminary measured data ~~is stored in the~~ a memory of a computer[,];  
adjusting a ~~the~~ color of each one of two or more paints ~~adjusted~~ in the blending ratio for realizing a target color which is measured by the paint color measuring means when color matching a solid color paint without preparing painted panels[,];  
predicting and computing a calorimetric value of reproduced color ~~is predicted and computed~~ by using the measured data and the preliminary measured data ~~on the memory~~ and a considering change in ~~the~~ a calorimetric value due to difference in blending ratio of colorants[,];  
and  
determining an appropriate blending ratio of colorants ~~is determined~~ by computation.

Claim 6 (Currently Amended): The computer color matching method of paint of claim 5, wherein data of calorimetric values and blending ratio of paint composed of plural colorants in solid color paint is stored in the computer memory when predicting and computing the reproduced color by using ~~the~~ a spectral reflectance measured in the method of claim 5, and ~~the~~ a difference from the calorimetric value predicted by the computing method in claim 5 is adjusted, and fuzzy inference is employed in ~~the~~ a means for enhancing the color matching precision.

Claim 7 (Currently Amended): The computer color matching method of paint of claim 5, wherein ~~the~~ a calorimetric means of paint supplies the paint continuously to ~~the~~ a measuring position, and an illumination light is emitted and reflected to the paint supplied in the position, and the reflected light is examined by spectral analysis.

Claim 8 (Currently Amended): The computer color matching method of paint of claim 6, wherein ~~the~~ a calorimetric means of paint supplies the paint continuously to ~~the~~ a measuring

position, and an illumination light is emitted and reflected to the paint supplied in the position, and the reflected light is examined by spectral analysis.

Claim 9 (Currently Amended): A preparing method of paint for preparing a paint of a target color by applying the color matching method of claim 1 in ~~the~~ a manufacturing process of paint, wherein the computer judges if the calorimetric value is within a preset allowable range or not, and the manufacturing process of the target color paint is managed on the basis of this ~~judgement~~ judgment.

Claim 10 (Currently Amended): The preparing method of paint for preparing a paint of a target color by applying the color matching method of claim 2 in ~~the~~ a manufacturing process of paint, wherein the computer judges if the calorimetric value is within a preset allowable range or not, and the manufacturing process of the target color paint is managed on the basis of this ~~judgement~~ judgment.

Claim 11 (Currently Amended): The preparing method of paint for preparing a paint of a target color by applying the color matching method of claim 3 in ~~the~~ a manufacturing process of paint, wherein the computer judges if the calorimetric value is within a preset allowable range or not, and the manufacturing process of the target color paint is managed on the basis of this ~~judgement~~ judgment.

Claim 12 (Currently Amended): The preparing method of paint for preparing a paint of a target color by applying the color matching method of claim 4 in ~~the~~ a manufacturing process of paint, wherein the computer judges if the calorimetric value is within a preset allowable range or

not, and the manufacturing process of the target color paint is managed on the basis of this  
~~judgement~~ judgment.

Claim 13 (Currently Amended): The preparing method of paint for preparing a paint of a target color by applying the color matching method of claim 5 in ~~the~~ a manufacturing process of paint, wherein the computer judges if the calorimetric value is within a preset allowable range or not, and the manufacturing process of the target color paint is managed on the basis of this  
~~judgement~~ judgment.

Claim 14 (Currently Amended): The preparing method of paint for preparing a paint of a target color by applying the color matching method of claim 6 in ~~the~~ a manufacturing process of paint, wherein the computer judges if the calorimetric value is within a preset allowable range or not, and the manufacturing process of the target color paint is managed on the basis of this  
~~judgement~~ judgment.

Claim 15 (Currently Amended): The preparing method of paint for preparing a paint of a target color by applying the color matching method of claim 7 in ~~the~~ a manufacturing process of paint, wherein the computer judges if the calorimetric value is within a preset allowable range or not, and the manufacturing process of the target color paint is managed on the basis of this  
~~judgement~~ judgment.

Claim 16 (Currently Amended): The preparing method of paint for preparing a paint of a target color by applying the color matching method of claim 8 in ~~the~~ a manufacturing process of paint, wherein the computer judges if the calorimetric value is within a preset allowable range or

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not, and the manufacturing process of the target color paint is managed on the basis of this  
~~judgement~~ judgment.